

FIG. 1A

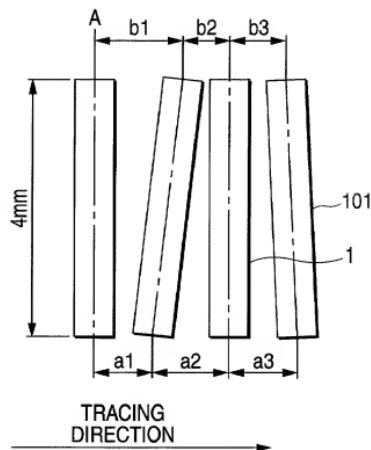
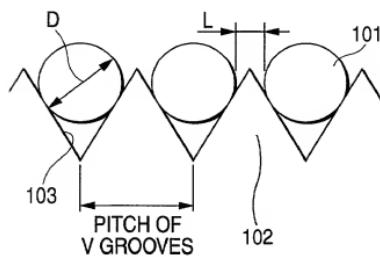
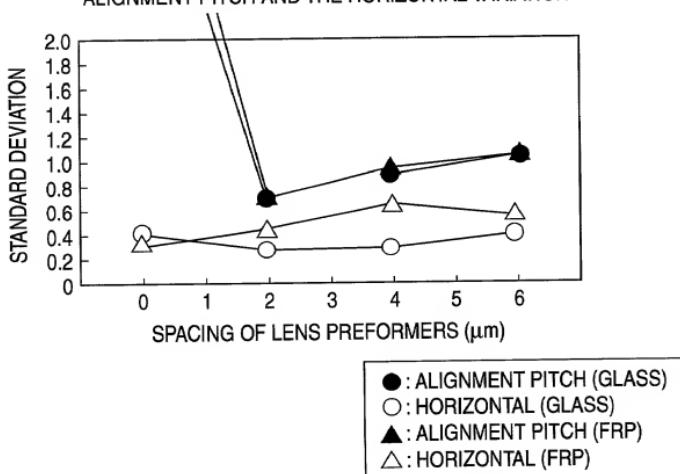


FIG. 1B

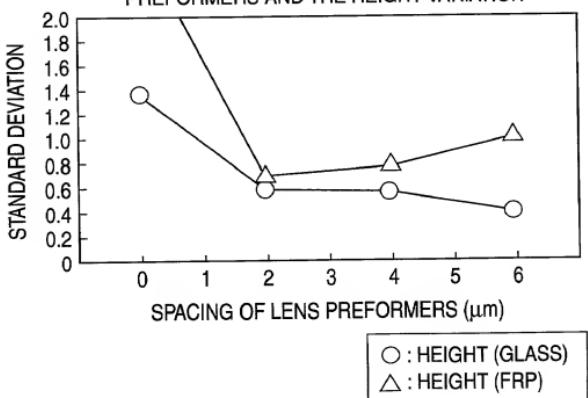


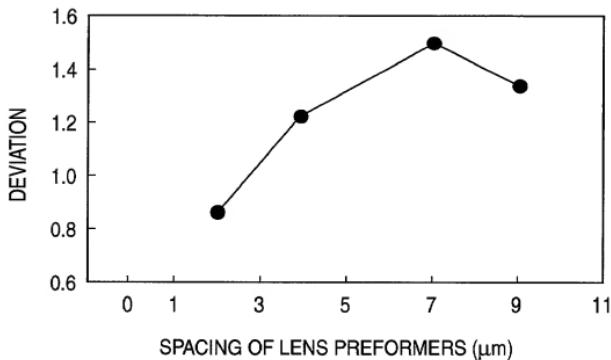
**FIG. 2**

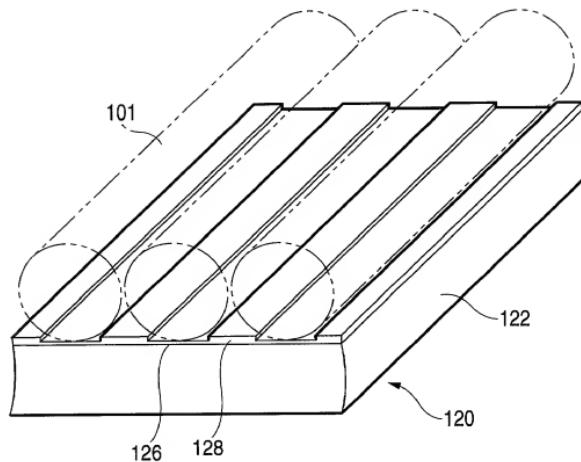
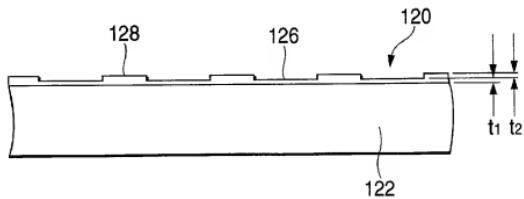
RELATIONSHIP BETWEEN THE SPACING OF LENS  
PREFORMERS AND EACH OF THE VARIATION IN  
ALIGNMENT PITCH AND THE HORIZONTAL VARIATION

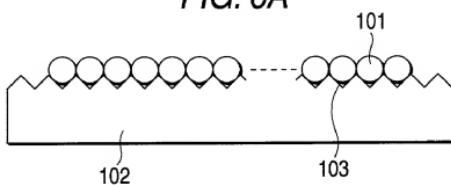
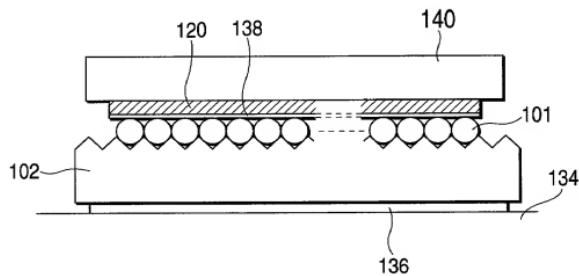
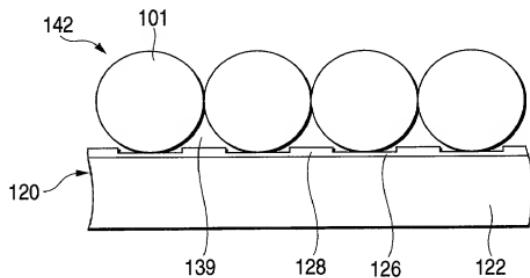
**FIG. 3**

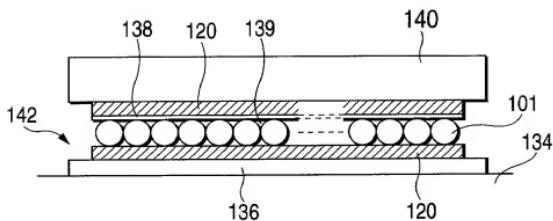
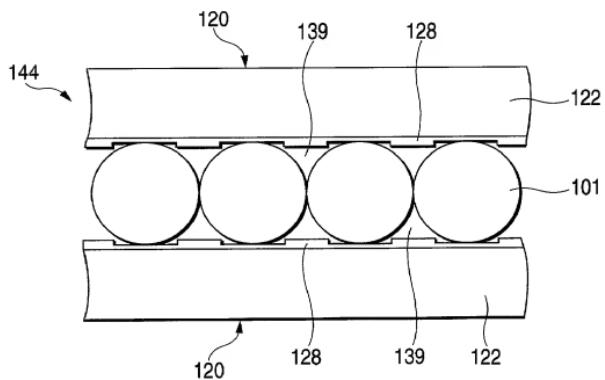
RELATIONSHIP BETWEEN THE SPACING OF LENS  
PREFORMERS AND THE HEIGHT VARIATION



*FIG. 4*RELATIONSHIP BETWEEN THE SPACING OF LENS  
PREFORMERS AND THE VARIATION IN ALIGNMENT PITCH

**FIG. 5A****FIG. 5B**

*FIG. 6A**FIG. 6B**FIG. 6C*

*FIG. 7**FIG. 8*

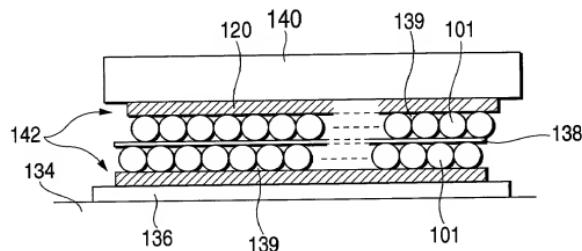
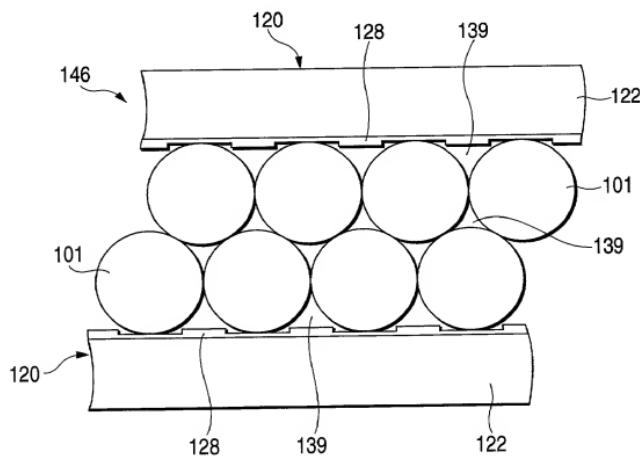
*FIG. 9**FIG. 10*

FIG. 11

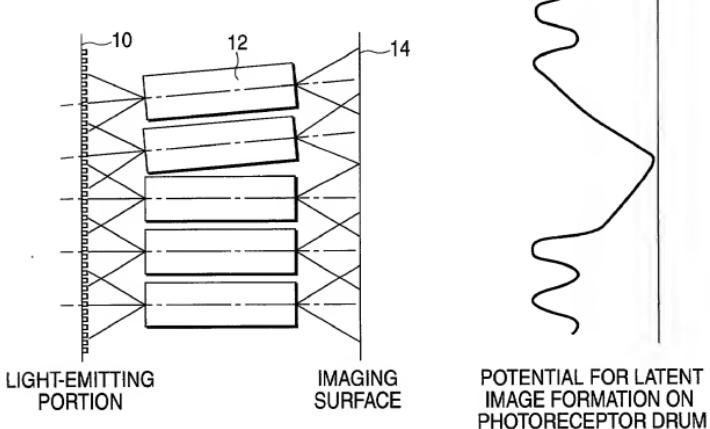


FIG. 12

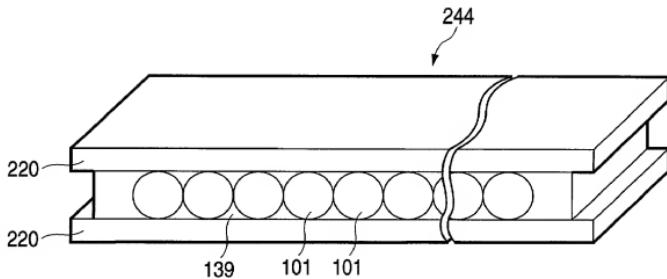


FIG. 13

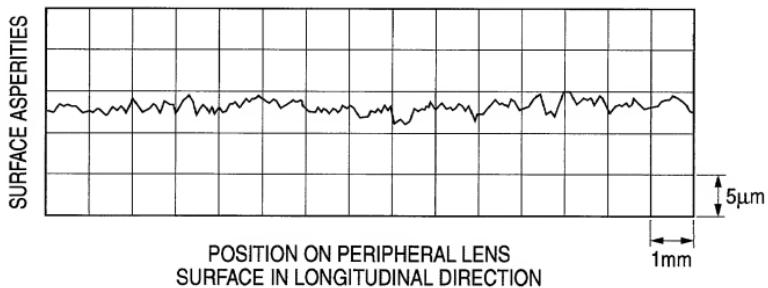


FIG. 14

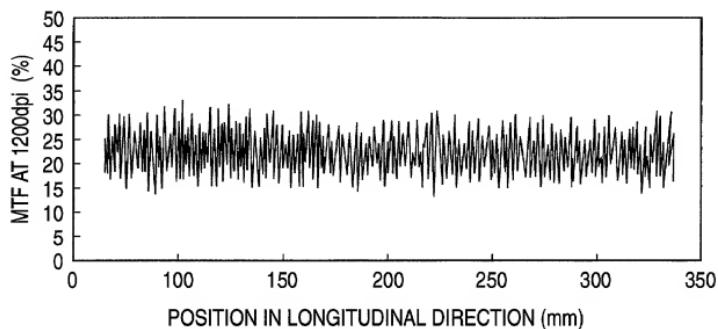


FIG. 15

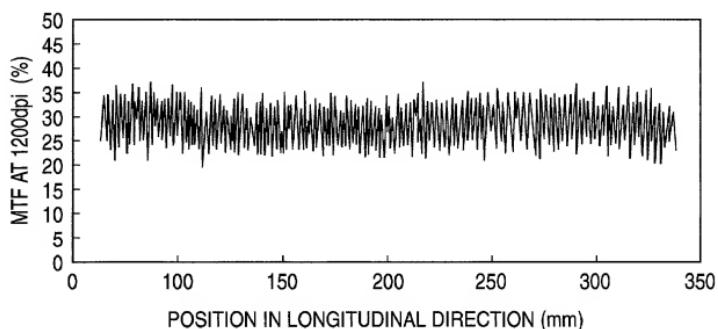


FIG. 16

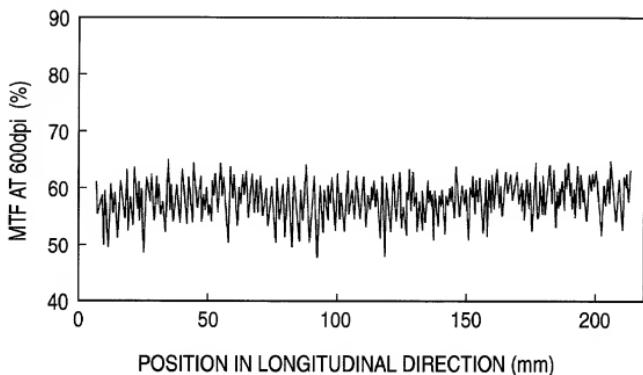


FIG. 17

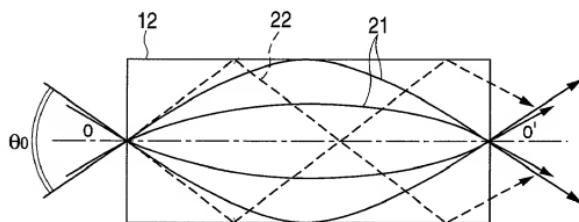


FIG. 18

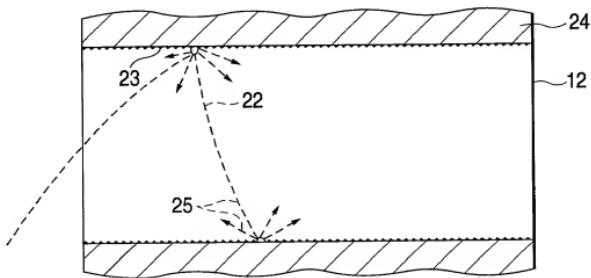
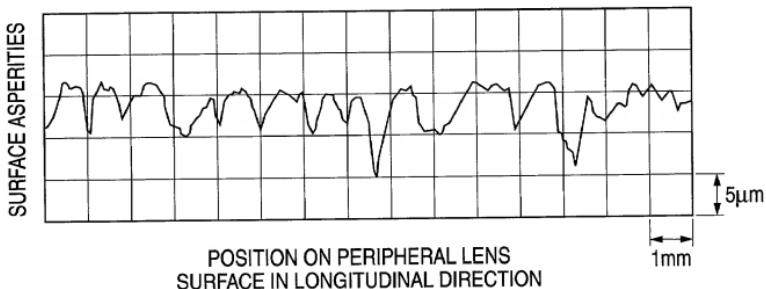
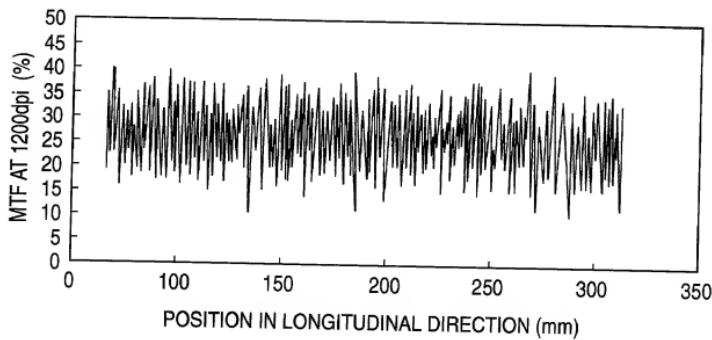


FIG. 19



*FIG. 20*



*FIG. 21*

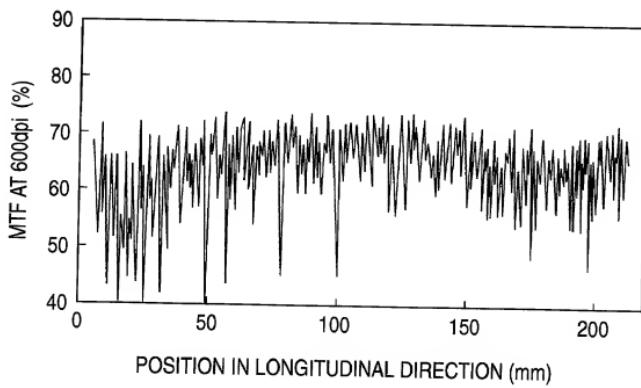
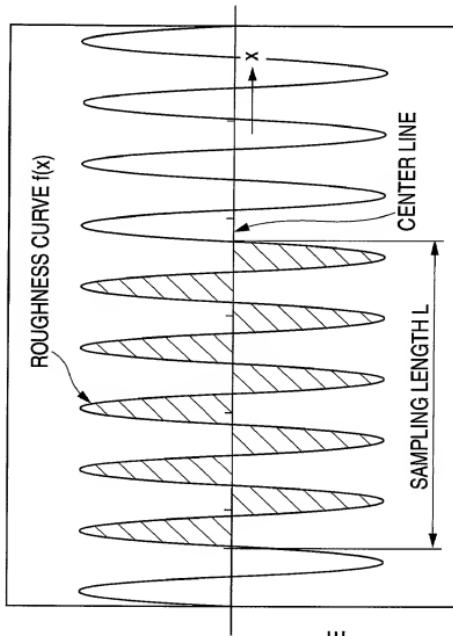


FIG. 22



CENTER-LINE-AVERAGE  
ROUGHNESS ( $R_a$ ) DEFINED AS:

$$R_a = 1/L \times \int_0^L |f(x)| dx$$

PROVIDED THAT THE CENTER LINE IS  
TAKEN ON THE X-AXIS AND

DETERMINED FROM  $\int_0^L f(x) dx = 0$

WHERE  $f(x)$  IS THE ROUGHNESS CURVE